

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A tape cartridge comprising:

a tape reel ~~around which~~ is rotatably housed;

a tape-shaped recording medium is wound around the tape reel; ~~which is rotatably housed,~~
~~and which has~~

a reel teeth portion disposed on the tape reel; and

a brake-locking member having a brake teeth portion ~~capable of being~~ selectively mated with
the reel teeth portion ~~and releasing the mating state so that~~ wherein when the reel teeth portion and
the brake teeth portion are mated a rotation of the tape reel is prevented when and the tape cartridge
is not used, and rotation of the tape reel is possible when the reel teeth portion and the brake teeth
portion are not mated and the tape cartridge is used;

wherein the reel teeth portion and the brake teeth portion respectively have a plurality of
teeth projected from a base portion,

each of said teeth ~~have~~ comprising:

a tip part;

a taper portion ~~which is~~ inclined toward at least one direction from a the tip part of the teeth
to at least one terminal, and

vertical portions extending in a substantially vertical manner from ~~both terminals~~ the
terminal of the taper portion to the base portion, and

at least one portion of each of said teeth is constituted so that the vertical portion of each of
the teeth of the reel teeth portion is opposite to the vertical portion ~~at an opposite side upon the~~ of
each of the teeth of the brake teeth portion when the reel teeth portion and the brake teeth portion are
mated mating.

2. (Original) A tape cartridge comprising:

a tape reel around which a tape-shaped recording medium is wound, which is rotatably
housed, and which has a reel teeth portion;

and

a brake-locking member having a brake teeth portion capable of being mated with the reel teeth and releasing the mating state so that rotation of the tape reel is prevented when the tape cartridge is not used, and is possible when the tape cartridge is used;

wherein the reel teeth portion and the brake teeth portion respectively have a plurality of teeth projected from a base portion,

each of said teeth have a taper portion which is inclined toward at least one direction from a tip part of the teeth, and vertical portions extending in a substantially vertical manner from an end terminal and the tip part of the taper portion to the base portion, and

at least one portion of each of said teeth is constituted so that the vertical portion is opposite to the vertical portion at an opposite side upon the mating.

3. (Currently amended) The tape cartridge according to Claim 1 ~~or~~ 2, wherein the tip part of each of the teeth is ~~provided with~~ comprises one of an apex or and a flat portion.

4. (Currently amended) The tape cartridge according to Claim 1 ~~or~~ 2, wherein the tip part of one of the reel teeth and the break teeth contacts is ~~contacted with~~ a bottom surface of the base portion at the of an opposite side of the tip part.

5. (Currently amended) The tape cartridge according to Claim 4, wherein a height H (a distance from the base portion to the end terminal of the taper portion) of the vertical portion is satisfied with the following equation, provided that a height of the of each of said teeth from said base portion to said tip part is defined by H1:

$$0.6 \times H1 \leq H \leq 0.95 \times H1$$

6. (Currently amended) The tape cartridge according to Claim 1 ~~or~~ 2, wherein upon the mating, the tip part is not contacted with a bottom surface of the base portion at the opposite side while the vertical portion is contacted with the vertical portion at the opposite side.

7. (Original) The tape cartridge according to Claim 6, wherein a contact height ΔH at a mutually contacting portion between said vertical portions is satisfied with following equation, provided that a height from said base portion to the tip part is defined by H1:

$$0.2 \times H1 \leq \Delta H \leq 0.9 \times H1$$

8. (Currently amended) The tape cartridge according to Claim 1 ~~or 2~~, wherein the teeth of the reel teeth portion and the brake teeth portion are ~~constituted so that a plurality of the teeth are~~ circularly arranged ~~in a circle manner~~.

9. (New) The tape cartridge according to Claim 2, wherein the tip part of each of the teeth is comprises one of an apex and a flat portion.

10. (New) The tape cartridge according to Claim 2, wherein the tip part of one of the reel teeth and the break teeth contacts a bottom surface of the base portion of an opposite side of the tip part.

11. (New) The tape cartridge according to Claim 10, wherein a height H (a distance from the base portion to the end terminal of the taper portion) of the vertical portion is satisfied with the following equation, provided that a height of the of each of said teeth from said base portion to said tip part is defined by H1:

$$0.6 \times H1 \leq H \leq 0.95 \times H1$$

12. (New) The tape cartridge according to Claim 2, wherein upon the mating, the tip part is not contacted with a bottom surface of the base portion at the opposite side while the vertical portion is contacted with the vertical portion at the opposite side.

13. (New) The tape cartridge according to Claim 12, wherein a contact height ΔH at a mutually contacting portion between said vertical portions is satisfied with following equation, provided that a height from said base portion to the tip part is defined by $H1$:

$$0.2 \times H1 \leq \Delta H \leq 0.9 \times H1$$

14. (New) The tape cartridge according to Claim 2, wherein the teeth of the reel teeth portion and the brake teeth portion are circularly arranged.